

PROGRAM WIDE: NCST Performance Metrics Form

UTC Name	National Center for Sustainable Transportation
Universities	UC Davis, University of Southern California/CSU Long Beach, Georgia Tech, University of Vermont, UC Riverside
Grant #	DTRT13-G-UTC29
Reporting Period	September 30, 2013 to September 30, 2014

	Performance Indicators					
	Totals	UC Davis	UCR	GT	USC/CSULB	UVM
<i>(a) Number of transportation-related courses offered during the reporting period that were taught by faculty and/or teaching assistants who are associated with the NCST. Footnote 1</i>						
Undergraduate courses	7	4	0	1	2	0
Graduate courses	21	19	0	2	0	0
<i>(b) Number of students participating in transportation research projects funded by the NCST grant (both federal and match funds) during the reporting period</i>						
Undergraduate students	4	1	2	1	0	0
Graduate students	20	0	4	14	2	0
<i>(c) Number of transportation-related advanced degree programs that utilize NCST grant funds to support graduate students</i>						
Masters level programs	6	0	5	1	0	0
Doctoral level programs	6	0	5	1	0	0
<i>(d) Number of students supported by the NCST grant (both federal and match funds) during the reporting period</i>						
Undergraduate students	6	1	2	0	0	3
Masters students	3	0	0	3	0	0
Doctoral level students	11	0	8	1	2	0
<i>(e) Number of students supported by the NCST grant who received degrees (both federal and match funds) during the reporting period</i>						
Undergraduate degrees	0	0	0	0	0	0
Masters degrees	0	0	0	0	0	0
Doctoral degrees	3	0	0	3	0	0
<i>(f) Number and total dollar value of research projects selected for funding using NCST grant funds (federal and/or match funds) that you consider to be applied research and advanced research. Footnote 2.</i>						
Number of applied research projects	20	11	2	5	1	1
Dollar value of applied research projects	\$1,629,488	\$1,007,812	\$ 50,676	\$ 476,000	\$ 95,000	0
Number of advanced research projects	10	3	2	0	4	1
Dollar value of advanced research projects	\$671,705	\$209,166	\$ 117,752	\$ -	\$ 308,287	\$36,500

Footnotes:

1. Most Courses and degree programs offered by our partners are reported under other UTCs
2. Projects selected but not yet launched (totaling over \$1.8 million) are not included in this metric

CENTER SPECIFIC: NCST Performance Metrics Form

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Reporting Period	September 30, 2013 to September 30, 2014					
Research Capability						
	Total	UC Davis	USC/CSULB	GT	UVM	UCR
Proposal Selection Process						
(a) Percent of proposals submitted that were selected for funding (competitiveness). Footnote 1.	31%					
Number of proposals submitted	36	32	0	0	4	0
Number of proposals that received funding	11	10	0	0	1	0
(b) Amount and source of match funding						
Specific sources of match funding (Annual Recipient Share Report shows additional information)		Caltrans, CA Air Resources Board, CA Energy Commission, UC Davis	USC/CSULB, Volvo R&EF	Georgia Tech	University of Vermont	UC Riverside
Total Committed amount	\$5,632,600					
Research Outputs (for NCST-funded projects)						
(a) Number of white papers issued	0	0	0	0	0	0
(b) Number of research reports issued	0	0	0	0	0	0
(c) Number of peer-reviewed papers published	4	0	2	2	0	0
(d) Number of conference presentations	4	0	1	3	0	0
(e) Number of agency or professional association presentations	12	7	0	4	1	0
Research Outcomes (for NCST-funded projects)						
(a) Evidence that the Center's research has led to deployment of new technologies, analytical methods, and/or informed policy at local, state and/or national level.		Refer to Program Performance Progress Reports		The Fuel and Emissions calculator (FEC) is being adopted by transit agencies and researchers. Commute Warrior is slated for deployment to 40,000 individuals in the Atlanta Metro area. MOVES-Matrix has proven successful and we will be meeting with EPA staff this coming year.		
(b) Number of citations of peer-reviewed papers and research reports	0	0	0	0	0	0
(c) Number of media reports generated for NCST projects	1	0	0	0	1	0
(d) Number of scholarly awards for NCST-funded projects	0	0	0	0	0	0
Paper awards	0	0	0	0	0	0
Peer-recognition awards	0	0	0	0	0	0
Leadership Performance Metrics						
	Total	UC Davis	USC/CSULB	GT	UVM	UCR
(a) Membership and chairmanship of TRB Committees (not reported for another UTC)						
Total number of faculty who are members of TRB Committees	24	11	0	4	4	5
Total number of faculty who are chairs of TRB Committees	3	3	0	0	0	0
(b) Public service activities						
Number of significant appointments to boards, committees, and advisory panels.	21	13	0	2	2	4

Education and Workforce Development Performance Metrics						
	Total	UC Davis	USC/CSULB	GT	UVM	UCR
(a) Number of institutions making use of model curriculum	n/a					
(b) Number and types of students completing advanced professional training courses						
Number of Undergraduate Students	n/a					
Number of Masters Students	n/a					
Number of Doctoral Students	n/a					
Technology Transfer Performance Metrics						
	Total	UC Davis	USC/CSULB	GT	UVM	UCR
(a) Number of events (sponsored or organized by NCST) and participant registration (in person and online)						
Number of events	17	16	0	0	1	0
Number of online participants	20	20	0	0	0	0
Number of in person participants	494	414	0	0	80	0
(b) Number of technology transfer-related articles by name of publication and publication type	0					
Publication type 1	0		0	0	0	0
Publication type 2	0		0	0	0	0
Publication type 3	0		0	0	0	0
(c) Number of citations of National Center research in media	0					
Number of citations	3	2	0	1	0	0
(d) Number of web hits on main NCST website (ncst.ucdavis.edu) and Metrans site for NCST.						
Unique	4657	4361	296	n/a	n/a	n/a
Returned	2329	2205	124	n/a	n/a	n/a
Collaboration Performance Metrics						
	Total	UC Davis	USC/CSULB	GT	UVM	UCR
(a) Number of cross institutional co-authored publications from these collaborations						
Number of peer reviewed	0	0	0	0	0	0
Number of professional	0	0	0	0	0	0
(b) New relationships and partners, especially external partners, as reported by faculty						
Name each new partner/relationship (See PPPRs for additional information)		Caltrans, California Energy Commission and CA Air Resources Board were established as funding partners.	Research for CEC to be carried out in collaboration with UCR and UC Davis. Volvo is supporting two NCST research projects.	GT is connecting with the University of Virginia regional UTC regarding the Sustainable Transportation Education Program Development		Research for CEC to be carried out in collaboration with USC and UC Davis; research for ARB to collaborate with UC Davis.
Footnotes:						
1. Projects for some consortium members were preselected for the first year in the proposal process.						